(19) World Intellectual Property Organization

International Bureau



A 1900 BANKORIA DI BARKA NIKALI BANKA BANKA BANKA KANKA BANKA BANKA BANKA BANKA BANKA BANKA BANKA BANKA BANKA

(43) International Publication Date 29 September 2005 (29.09.2005)

PCT

(10) International Publication Number . WO 2005/089907 A1

(51) International Patent Classification⁷: 69/14, 71/60 // 179:00

B01D 53/22,

(21) International Application Number:

PCT/NO2005/000098

(22) International Filing Date: 18 March 2005 (18.03.2005)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

20041199 20041199 22 March 2004 (22.03.2004) NO 30 November 2004 (30.11.2004) NO

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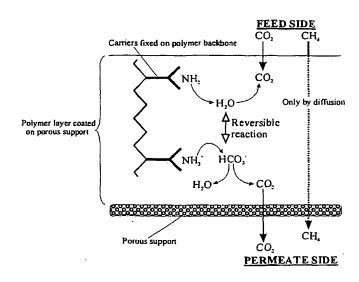
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MEMBRANE FOR SEPARATING $m CO_2$ AND PROCESS FOR THE PRODUCTION THEREOF



(57) Abstract: A fixed-site-membrane comprising a support structure coated with crosslinked polyvinylamine, wherein the crosslinking agent is a compound comprising a fluoride. The membrane comprises water, such as by being swelled in water vapour. A process for producing the membranes, and the use of such membranes for separation of carbon dioxide (CO₂) from gas mixtures are disclosed.

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